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**JEPPESEN** 

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Page 1 Changed chart(s) since Disc 23-2009 ADD = Added chart, REV = Revised chart, DEL = Deleted chart. ACT PROCEDURE IDENT

**INDEX** 

**REV DATE** 

**EFF DATE** 

No revision activity since Disc 23-2009

## **TERMINAL CHART NOTAMS**

#### **Chart NOTAMs for Airport UUEE**

Type: Terminal Effectivity: Temporary Begin Date: Immediately End Date: Until Further Notice

Eff 22 OCT 09 Aksinyino NDB ident chad to 'AO'.

Type: Terminal Effectivity: Temporary Begin Date: Immediately End Date: Until Further Notice

(All SIDs) note in chart heading should read: Execute noise abatement procedures according to ICAO Annex 16, DOC 8168.

Refer to 20-1P charts.

Type: Terminal Effectivity: Temporary Begin Date: Immediately End Date: Until Further Notice

(21-1 thru 26-4) Missed approach holding at SW upper limit FL397.

**Airport Information** 

# **UUEE** (Sheremetyevo)

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## **General Info**

Moscow, RUS

N 55° 58.3' E 37° 24.9' Mag Var: 8.8°E

Elevation: 630'

Public, IFR, Control Tower, Customs

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+3:00 uses DST

## **Runway Info**

Runway 07L-25R 11647' x 197' concrete Runway 07R-25L 12139' x 197' concrete

Runway 07L (66.0°M) TDZE 620'

Lights: Edge, ALS, Centerline

Runway 07R (66.0°M) TDZE 619' Lights: Edge, ALS, Centerline, TDZ

Runway 25L (246.0°M) TDZE 621'

Lights: Edge, ALS, Centerline, TDZ

Runway 25R (246.0°M) TDZE 622'

Lights: Edge, ALS, Centerline, TDZ

## **Communications Info**

ATIS 126.375 Non-English

ATIS 125.125

Sheremetyevo Tower 131.5

Sheremetyevo Tower 129.0 Secondary

Sheremetyevo Tower 120.7

Sheremetyevo 2-Ground Ground Control 121.8

Sheremetyevo 1-Ground Ground Control 129.0 Secondary

Sheremetyevo 1-Ground Ground Control 119.0

Sheremetyevo-Approach-2 Approach Control 123.7

Sheremetyevo-Approach-1 Approach Control 129.0 Secondary

Sheremetyevo-Approach-1 Approach Control 119.3

Sheremetyevo Radar 124.4

Sheremetyevo Radar 119.45 Secondary

Sheremetyevo Radar 118.1

Sheremetyevo II - Transit Operations 130.35 Non-English

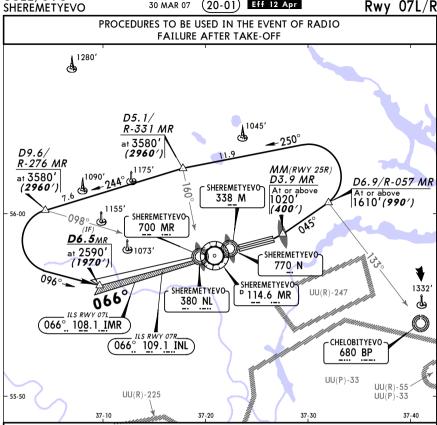
Sheremetyevo II (Cargo) - Operations 134.55 Non-English

Sheremetyevo I - Transit Operations 130.65 Non-English

## **Notebook Info**

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MOSCOW, RUSSIA MJEPPESEN UUEE/SVO 30 MAR 07 (20-01) Eff 12 Apr Rwy 07L/R

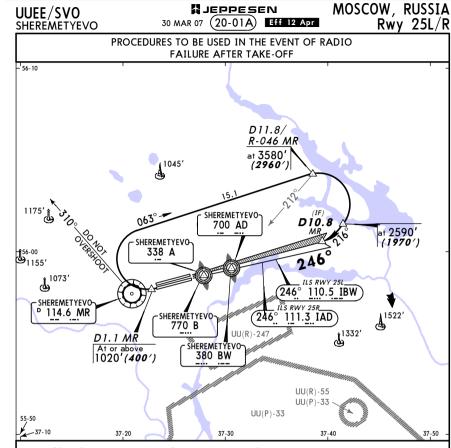


For profile and minimums Rwy 07R refer to 21-2, 21-2A, 23-2 and 26-2. For profile and minimums Rwy 07L refer to 21-1, 23-1 and 26-1.

CHANGES: Procedure.

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For profile and minimums Rwy 25R refer to 21-4, 21-4A and 26-4. For profile and minimums Rwy 25L refer to 21-3 and 26-3.

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UUEE/SVO SHEREMETYEVO SHEREMETY

#### 1. GENERAL

#### 1.1. ATIS

ATIS 125.12 126.37 (Russian)

#### 1.2. NOISE ABATEMENT PROCEDURES

#### 1.2.1. **GENERAL**

Noise abatement procedures shall be executed by all ACFT.

'AIR GROUND' communication shall be reduced to absolute minimum during approach phase and initial departure phase.

#### 1.2.2. REVERSE THRUST

Reverse thrust power with the exception reverse idle thrust is used only for safety reasons.

#### 1.3. LOW VISIBILITY PROCEDURES (LVP)

#### 1.3.1 GENERAL

LVP shall be applied when RVR is less than 400m. Pilots will be informed about the beginning of the procedure application via ATIS or by ATC.

#### 1.3.2. ARRIVAL

After landing the crew must report to Tower about the vacation of the RWY and the ILS critical area, when the ACFT crosses the line of double yellow omnidirectional lights, located on both sides of TWY joining the RWY and designating the boundary of ILS critical area.

After landing arriving ACFT shall be met by Follow-me car on TWY joining the RWY, and shall taxi after it to the assigned stands.

The following standard taxiing routes are established for ACFT after landing:

- for SHEREMETYEVO I apron:

RWY 07R, TWY 15, TWY 5, Main TWY 1, (TWY 18, 10, 8, 7, 17, 16), stand; RWY 25R, TWY 1, Main TWY 1, (TWY 16, 17, 7, 8, 10, 18), stand.

- SHEREMETYEVO II apron:

RWY 07R, TWY 26, Main TWY 2, (TWY 32, 31, 29, 28, 27), stand;

RWY 25R, TWY 11, TWY 21, Main TWY 2, (TWY 27, 28, 29, 30, 31, 32), stand.

#### 1.3.3. START-UP & TAXIING

Pilots shall request start-up clearance when ready for start-up indicating the number of stand (apron).

Clearance for towing and taxiing out of stand shall be requested when ACFT is ready to carry it out immediately.

The following standard taxiing routes are established for departing ACFT:

- for SHEREMETYEVO I apron:

Stand, (TWY 18, 10, 8, 7, 17, 16), Main TWY 1, TWY 1, TWY 11, RWY 07R; Stand, (TWY 16, 17, 7, 8, 10, 18), Main TWY 1, TWY 5, RWY 25R.

- for SHEREMETYEVO II apron:

Stand, (TWY 30, 32, 31, 29, 28, 27), Main TWY 2, TWY 21, RWY 07R;

Stand, (TWY 27, 28, 29, 30, 31, 32), Main TWY 2, TWY 26, TWY 15, RWY 25R.

Taxiing of ACFT from stand to line-up position shall be carried out (as a rule) after Follow-me car.

#### 1.3.4. DEPARTURE

It is prohibited to cross the RWY holding position line (ILS critical area) marked by double red omnidirectional lights and the prescribed DAY marking on TWYs 1 thru 5 and the RWY holding position line marked by magnetic course signs and the prescribed day marking on TWY 11 thru 15 and 21 thru 26 without Tower clearance.

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UUEE/SVO SHEREMETYEVO SHEREMETYEVO SHEREMETYEVO SHEREMETYEVO SHEREMETYEVO STANDARD S

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MOSCOW, RUSSIA AIRPORT BRIEFING

#### 1. GENERAL

#### 1.4. TAXI PROCEDURES

Apron centerline between stands 79 and 91 MAX wingspan 126 '/38.5m.

De-icing pad 3 MAX wingspan 158 '/48.1m.

De-icing pad 4 MAX wingspan 211 '/64.4m.

Enter aprons with Follow-me car.

7'/2m distance between taxiing ACFT and marking of routes for special motor transport is not maintained on SHEREMETYEVO I/II aprons.

Use of TWY 20 by towing except B747-400 ACFT.

#### 1.5. PARKING INFORMATION

SHEREMETYEVO I stands 28 thru 30B equipped with visual docking guidance system SAFEDOCK. Enter area of coverage with Follow-me car.

SHEREMETYEVO II stands 5 thru 21 equipped with visual docking guidance system AGNIS. Enter area of coverage with Follow-me car. Recommended taxispeed MAX 5.3 KTS/10kmh.

Exit SHEREMETYEVO II stands 5 thru 21 and 29 thru 33 and Cargo stands by towing. Use of SHEREMETYEVO II stands 37 thru 49 by towing.

Enter stands 68 thru 96 and Cargo stands 1 thru 3, 3B, 4, 5, 5B, 6, 6B, 7, 8 and 8B by towing.

#### 1.6. OTHER INFORMATION

Birds in vicinity of APT.

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**UUEE/SVO SHEREMETYEVO** 

3 APR 09

(20-1P2) Eff 9 Apr MOSCOW, RUSSIA AIRPORT BRIEFING

#### 2. ARRIVAL

11 JEPPESEN

#### 2.1. SPEED RESTRICTIONS

MAX 270 KT below FL 98.

#### 2.2. NOISE ABATEMENT PROCEDURES

#### APPROACH PHASE

RWYs 25L/R are noise preferential and shall be used to the greatest extent possible. If special meteorological conditions are present in arrival and approach sectors, ATS unit may at its own discretion or by a pilot-in-command 's request deviate from the provisions given below, if it is necessary for safety reasons.

#### Restrictions

The required noise abatement procedures shall not be observed over the overflown areas in the following cases:

- if there is ice, slush, water, mud, rubber, oil etc. on RWY and friction coefficient is 0.4 or less:
- when cloud ceiling is less than 150m or horizontal visibility is less than 1800m:
- when a crosswind component on RWY (including austs) exceeds 15 KT;
- when a tailwind component on RWY exceeds 5 KT;
- when wind shear is forecasted or reported or it is expected that unfavorable weather conditions may influence ACFT approach and landing.

During instrument as well as visual approach it is not allowed to fly below ILS GS angle.

No noise abatement procedures shall envisage the increasing of indicated air speed of descent.

A displacement of THR shall not be used as a noise abatement measure.

Landing of ACFT with tailwind component up to 5 m/sec is allowed under following conditions:

- RWY is dry or damp;
- friction coefficient is 0.5 or more;
- crosswind component is not more than 5 m/sec.

#### RWYS 07L/R approach

When reaching 13.5NM from THR, pilots shall conduct the flight at 3590' (2960') maintaining 210 KT and flight direction enabling to intercept ILS LOC operational area providing RWYs 07L/R approach-to-land.

At a distance of 11.9NM the ACFT shall reach a rate of 180 KT +/-10 KT to intercept ILS LOC at 7.6NM from THR descending to 2600' (1970').

Intercept GS at 2280' (1650'). Pilots shall continue to reduce speed in order to reach 4.3NM from THR at 2110' (1480') and at a rate of 155 KT.

Thereafter speed shall be maintained as per Airplane Flight Manual.

#### 2.3. CAT II/III OPERATIONS

RWY 07R approved for CAT II operations and RWY 25R approved for CAT II/III operations, special aircrew and ACFT certification required.

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UUEE/SVO **SHEREMETYEVO** 

3 APR 09

1 JEPPESEN 20-1P3

MOSCOW RUSSIA AIRPORT BRIEFING

Eff 9 Apr

#### 3. DEPARTURE

### 3.1. SPEED RESTRICTIONS

MAX 270 KT below FL 98.

#### 3.2. NOISE ABATEMENT PROCEDURES

#### TAKE-OFF AND CLIMBING PHASE

Noise abatement procedures shall not be executed at the expense of reduction of flight safety and in case of engine failure during take-off.

RWYs 07L/R are noise preferential and shall be used to the greatest extent possible.

Take-off with tailwind component up to 5 m/sec is allowed under following conditions:

- RWY is dry or damp;
- friction coefficient is 0.5 or more:
- crosswind component is not more than 5 m/sec.

During take-off from RWY 25L/R on take-off heading and maximum possible climb gradient ACFT shall proceed to a distance of MR 1.1 DME, then turn right immediately onto assigned heading. It is strictly prohibited to reduce 340° track

until intersecting 227° bearing from UM or reaching a distance of MR 3.2 DME unless it is required for further flight safety.

During take-off from RWY 07L/R on take-off heading and maximum possible climb gradient ACFT shall proceed to a distance of MR 3.9 DME then turn left immediately on 045° track.

Changing of flight course after take-off is permitted only after reaching 1030' (400').

The minimum indicated air speed during steady climb shall not be less than V 2+10 KT or less than prescribed in the Airplane Flight Manual if it has greater value.

Maintaining the minimum indicated air speed of climb is not required if it brings to exceeding the minimum permissible angle of attack.

The reduction of power shall not be applied until:

- the established standard power mode enables with maximum certified take-off mass to maintain the established climb gradient of not less than 4% at the above specified speed:
- take-off flight path provides overflying of all obstacles located under flight path with sufficient clearance when all engines are operating normally and also taking into account possible engine failure and time period necessary for the rest engines to develop full power.

#### Climbing phase

Pilots shall apply two noise abatement procedures during climbing phase:

- noise abatement departure procedure near aerodrome (NADP1);
- noise abatement departure procedure far from aerodrome (NADP2).

The pilot-in-command may use any of them for reaching necessary effect (ICAO Doc 8168, Volume 1, Part V, Chapter 3).

When APU of ACFT, located on stands 1 thru 9 (cargo apron) or 5 thru 21 (SHEREMETYEVO II), is inoperative, it is allowed to start-up the ACFT's right engine directly before the beginning of towing towards the engines start-up position.

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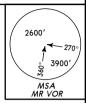
UUEE/SVO SHEREMETYEVO 5 DEC 08 20-2 Eff 18 Dec MOSCOW, RUSSIA

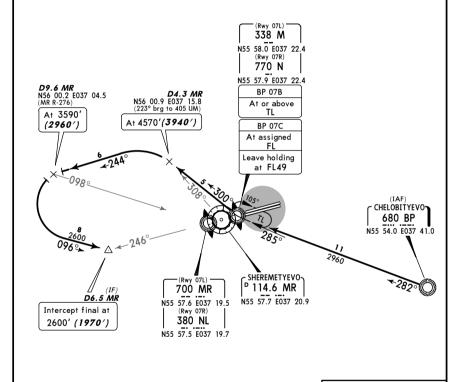
ATIS
125.12 (Russian 126.37)

Apt Elev
630'

Apt Elev
125.12 (Russian 126.37)

CHELOBITYEVO 07 BRAVO (BP 07B)
CHELOBITYEVO 07 CHARLIE (BP 07C)
RWYS 07L/R ARRIVALS
STEED MAX 270 KT BELOW FL98





	N		
	NOT TO SCALE		
STAR			ROUTING
DD 07D	O- 0000 b 4- M/N	· PIOLIT	7000 1

4570' (3940' - 1200m) 3920' (3290' - 1000m) 3590' (2960' - 900m) 2600' (1970' - 600m)

FL CONVERSION

ALT/HEIGHT CONVERSION

FL3000m

FL1500m

(QFE)

FL98

FL49

QNH

STAR	ROUTING
BP 07B	On 282° bearing to M/N, turn RIGHT, 300° bearing to D4.3 MR, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure.
BP 07C	On 282° bearing to M/N, enter holding pattern. Leave holding pattern on 300° bearing from M/N to D4.3 MR, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure.

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5 DEC 08 (20-2A) Eff 18 Dec

MOSCOW, RUSSIA

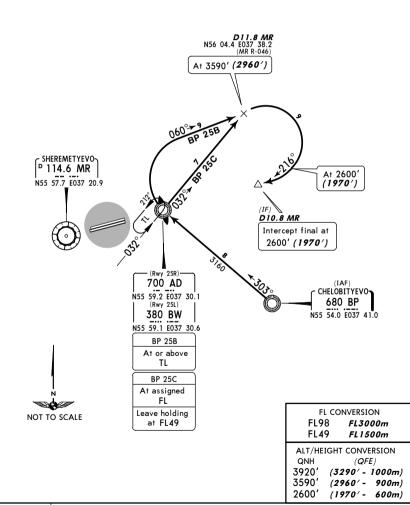
125.12 (Russian 126.37)

Apt Elev 630'

Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: By ATC Trans alt: 3920' (3290') Execute noise abatement procedures according to ICAO Annex 16, DOC 8168.

CHELOBITYEVO 25 BRAVO (BP 25B)
CHELOBITYEVO 25 CHARLIE (BP 25C)
RWYS 25L/R ARRIVALS
S2447 MAX 270 KT BELOW FL98





CHANGES: STAR BP 25C revised.

5C revised.

SHEREMETYEVO

125.12 (Russian 126.37)

**JEPPESEN** JeppView 3.6.3.1

STAR

JEPPESEN **UUEE/SVO** 

630'

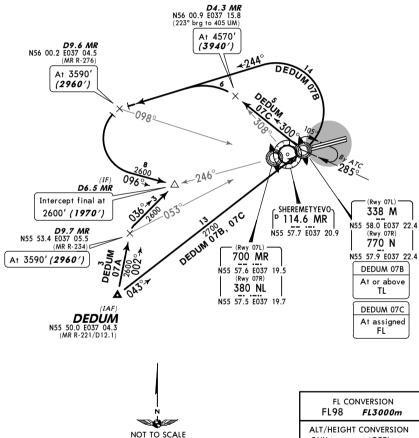
MOSCOW, RUSSIA 5 DEC 08 (20-2B) Eff 18 Dec

Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Apt Elev Execute noise abatement procedures according to ICAO Annex 16, DOC 8168.

DEDUM 07 ALFA (DEDUM 07A) [DEDØ7A] DEDUM 07 BRAVO (DEDUM 07B) [DEDØ7B] DEDUM 07 CHARLIE (DEDUM 07C)[DEDØ7C] RWYS 07L/R ARRIVALS



BY ATC MAX 270 KT BELOW FL98



STAR	ROUTING
DEDUM 07A	On 002° track to D9.7 MR, turn RIGHT, 036° track, intercept ILS.
DEDUM 07B	On 043° bearing to M/N, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure.
DEDUM 07C	On 043° bearing to M/N, enter holding pattern. Leave holding pattern on 300° bearing from M/N to D4.3 MR, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D5 MR, then carry out instrument approach procedure.

QNH

4570'

3920'

3590'

2600'

(QFE)

(3940' - 1200m)

(3290' - 1000m)

(2960' - 900m)

(1970' - 600m)

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UUEE/SVO SHEREMETYEVO

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MOSCOW, RUSSIA

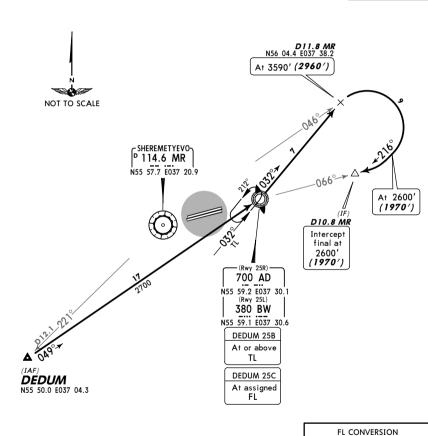
125.12 (Russian 126.37)

Apt Elev 630'

Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Execute noise abatement procedures according to ICAO Annex 16, DOC 8168.

DEDUM 25 BRAVO (DEDUM 25B) [DED25B] DEDUM 25 CHARLIE (DEDUM 25C)/DED25C1 RWYS 25L/R ARRIVALS BY ATC MAX 270 KT BELOW FL98





ALT/HEIGHT CONVERSION QNH (QFE) 3920' (3290' - 1000m) 3590' (2960' - 900m) (1970' - 600m)

FL3000m

ROUTING STAR DEDUM 25B On 049° bearing to AD/BW, 032° bearing to D11.8 MR, turn RIGHT, 216° track intercept final within MR 10.8 DME On 049° bearing to AD/BW, enter holding pattern. Leave holding pattern on 032° bearing from AD/BW to D11.8 MR, turn RIGHT, 216° track, intercept final within

CHANGES: MHA over AD & BW.

MR 10.8 DME.

FL98

2600'

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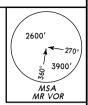
STAR

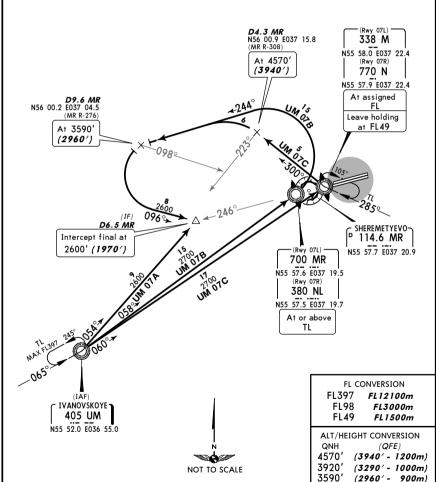
MOSCOW, RUSSIA JEPPESEN **UUEE/SVO** 5 DEC 08 (20-2D) Eff 18 Dec SHEREMETYEVO

Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Apt Elev 125.12 (Russian 126.37) 630' Execute noise abatement procedures according to ICAO Annex 16. DOC 8168.

> IVANOVSKOYE 07 ALFA (UM 07A) IVANOVSKOYE 07 BRAVO (UM 07B) IVANOVSKOYE 07 CHARLIE (UM 07C) RWYS 07L/R ARRIVALS

MAX 270 KT BELOW FL98





STAR ROUTING **UM 07A** On 054° bearing, intercept ILS. UM 07B On 058° bearing to MR/NL, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure UM 07C On 060° bearing to M/N, enter holding pattern. Leave holding pattern on 300° bearing from M/N to D4.3 MR, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure.

2600'

(1970' - 600m)

CHANGES: MHA over M & N. © JEPPESEN, 2002, 2008. ALL RIGHTS RESERVED.

125.12 (Russian 126.37)

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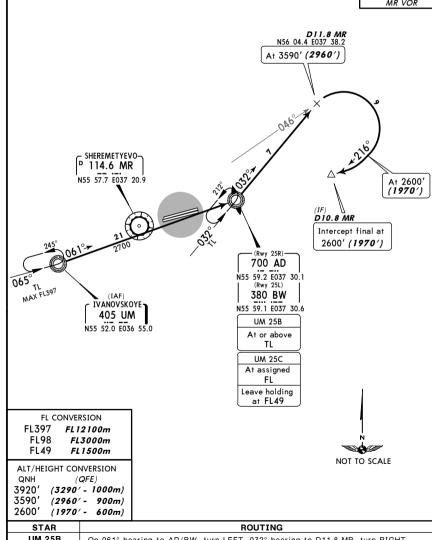
JEPPESEN UUEE/SVO 5 DEC 08 (20-2E) Eff 18 Dec SHEREMETYEVO

> Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Apt Elev 630' Execute noise abatement procedures according to ICAO Annex 16, DOC 8168.

IVANOVSKOYE 25 BRAVO (UM 25B) IVANOVSKOYE 25 CHARLIE (UM 25C) RWYS 25L/R ARRIVALS SHIP MAX 270 KT BELOW FL98



MOSCOW, RUSSIA



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MOSCOW, RUSSIA JEPPESEN 5 DEC 08 (20-2F) Eff 18 Dec STAR

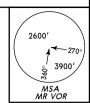
Apt Elev 125.12 (Russian 126.37) 630'

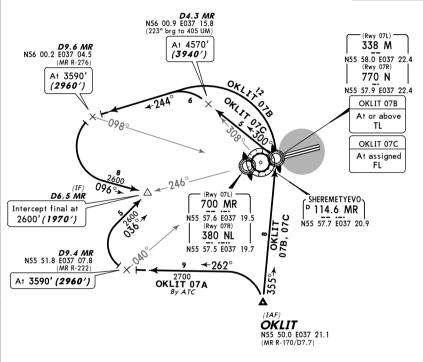
**UUEE/SVO** 

SHEREMETYEVO

Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Execute noise abatement procedures according to ICAO Annex 16. DOC 8168.

OKLIT 07 ALFA (OKLIT 07A) [OKLØ7A] OKLIT 07 BRAVO (OKLIT 07B) [OKLØ7B] OKLIT 07 CHARLIE (OKLIT 07C) [OKLØ7C] RWYS 07L/R ARRIVALS SHIPA MAX 270 KT BELOW FL98





HOLDING OVER M/N	
By ATC 105° 285°	



FL CONVERSION FL98 FL3000m

ALT/HEIGHT CONVERSION (QFE) (3940' - 1200m) 4570' 3920' (3290' - 1000m) 3590' (2960' - 900m) 2600' (1970' - 600m)

STAR	ROUTING
OKLIT 07A By ATC	On 262° track to D9.4 MR, turn RIGHT, 036° track, intercept ILS.
OKLIT 07B	On 355° bearing to M/N, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure.
OKLIT 07C	On 355° bearing to M/N, enter holding pattern. Leave holding pattern on 300° bearing from M/N to D4.3 MR, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure.

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UUEE/SVO SHEREMETYEVO

JEPPESEN 5 DEC 08 (20-2G) Eff 18 Dec

MOSCOW, RUSSIA

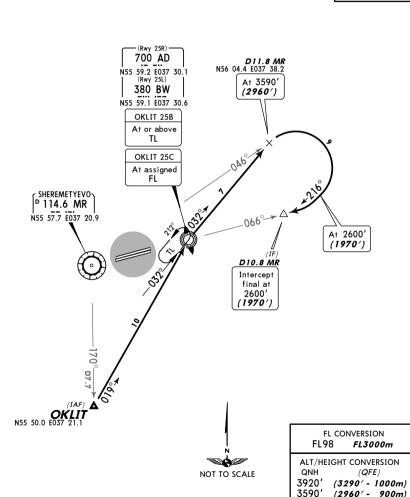
125.12 (Russian 126.37)

Apt Elev 630'

Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Execute noise abatement procedures according to ICAO Annex 16, DOC 8168.

OKLIT 25 BRAVO (OKLIT 25B) [OKL25B] OKLIT 25 CHARLIE (OKLIT 25C) [OKL25C] RWYS 25L/R ARRIVALS SHIP MAX 270 KT BELOW FL98





ROUTING STAR OKLIT 25B On 019° bearing to AD/BW, 032° bearing to D11.8 MR, turn RIGHT, 216° track intercept final within MR 10.8 DME On 019° bearing to AD/BW, enter holding pattern. Leave holding pattern on 032° bearing from AD/BW to D11.8 MR, turn RIGHT, 216° track, intercept final within MR 10.8 DME.

CHANGES: MHA over AD & BW.

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(1970' - 600m)

2600'

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JEPPESEN MOSCOW, RUSSIA **UUEE/SVO** 5 DEC 08 (20-2H) Eff 18 Dec SHEREMETYEVO STAR Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Apt Elev 125.12 (Russian 126.37) 630' Execute noise abatement procedures according to ICAO Annex 16, DOC 8168. SAVELOVO 07 ALFA (SW 07A) 26001 SAVELOVO 07 CHARLIE (SW 07C) 270 RWYS 07L/R ARRIVALS 3900 SPEED MAX 270 KT BELOW FL98 MSA MR VOR LOST COMMS V LOST COMMS LOST COMMS LOST COMMS SW 07A (IAF) This STAR shall also be carried out in SAVELOVO-KOSTINOcase of RCF after entering MOSCOW Area. 1285 SW 642 KN LOST COMMS TOST COMMS LOST COMMS LOST COMMS N56 22.0 E037 26.0 N56 18.0 E037 43.0 FL CONVERSION FL397 FL12100m FI 98 FL3000m FL49 FL1500m ALT/HEIGHT CONVERSION (QFE) 4570' (3940' - 1200m) 39201 (3290' - 1000m) D11.7 MR N56 09.3 E037 22.4 3590 (2960' - 900m) (1970' - 600m) 2600' NOT TO SCALE D9.6 MR N56 00.2 E037 04.5 (MR R-276) D9.8 MR SW 07C N55 59.9 E037 04.0 D4.3 MR on return N56 00.9 E037 15.8 (Rwv 071) SW 07A At 3590' (223° brg to 405 UM) 338 M (2960') At 3590 At 4570'(3940') N55 58.0 E037 22.4 (2960') (Rwy 07R) 770 N N55 57.9 E037 22.4 SW 07C on return At assigned -098 096 Leave holding at FL49 SW 07A, 07C 7 △ 1066° × SW 07C **D6.5 MR** (MR R-246) 700 MR - SHEREMETYEVO-SW 07A N55 57.6 E037 19.5 P 114.6 MR SW 07C on return (Rwv 07R) N55 57.7 E037 20.9 380 NL Intercept final at 2600' (1970') N55 57.5 E037 19.7 STAR ROUTING SW 07A On 180° bearing to D11.7 MR, turn RIGHT, 221° track to D9.8 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure. SW 07C On 180° bearing to D11.7 MR, turn RIGHT, 221° track to D9.8 MR, turn LEFT, 096° track to D6.5 MR, turn LEFT, intercept 066° bearing to M/N, enter holding pattern. Leave holding pattern on 300° bearing from M/N to D4.3 MR, turn LEFT, 244° track to D9.6 MR, turn LEFT, 096° track to D6.5 MR, then carry out instrument approach procedure

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CHANGES: MHA over M & N.

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MOSCOW, RUSSIA JEPPESEN UUEE/SVO 5 DEC 08 (20-2J) Eff 18 Dec SHEREMETYEVO Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Apt Elev 630' 125.12 (Russian 126.37) Execute noise abatement procedures according to ICAO Annex 16, DOC 8168. SAVELOVO 25 ALFA (SW 25A) 2600' SAVELOVO 25 CHARLIE (SW 25C) RWYS 25L/R ARRIVALS 3900 SPEED MAX 270 KT BELOW FL98 MSAMR VOR LOST COMMS V LOST COMMS V LOST COMMS V SW 25A This STAR shall also be carried out in SAVELOVO case of RCF after entering MOSCOW Area. 1285 SW FO21 COWWS FO21 COWWS FO21 COWWS FO21 COWWS N56 22.0 E037 26.0 D20.8 MR × N56 18.5 E037 25.0 FL CONVERSION FL397 FL12100m FL98 FL3000m NOT TO SCALE FL49 FL1500m ALT/HEIGHT CONVERSION QNH (QFE) 3920' (3290' - 1000m) 3590' (2960' - 900m) (1970' - 600m) -(Rwy 25R) D11.8 MR 700 AD N56 04.4 F037 38 2 N55 59.2 E037 30.1 At 3590' (Rwy 25L) **D14.3 MR** N56 04.1 E037 43.6 (2960') 380 BW SW 25A N55 59.1 E037 30.6 At 3590' At assigned (2960') FL Leave holding at FL49 C SHEREMETYEVO <sup>D</sup> 114.6 MR N55 57.7 E037 20.9 MARYINO — 493 RW N55 42.0 E038 13.0 D10.8 MR SW 25A SW 25C on return Intercept final at 2600' (1970') STAR ROUTING SW 25A On 180° bearing to D20.8 MR, turn LEFT, 134° track to D14.3 MR, turn RIGHT. 216° track, intercept final within MR 10.8 DME SW 25C On 180° bearing to D20.8 MR, turn LEFT, 134° track to D14.3 MR, turn RIGHT, 216° track, intercept 246° bearing to AD/BW, enter holding pattern. Leave holding pattern on 032° bearing from AD/BW to 11.8 MR, turn RIGHT, 216°

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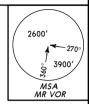
MOSCOW, RUSSIA JEPPESEN **UUEE/SVO** 10 OCT 08 (20-2K) Eff 23 Oct STAR SHEREMETYEVO

125.12 (Russian 126.37)

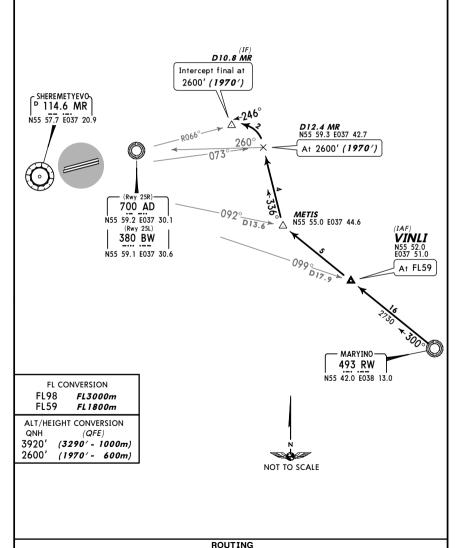
Apt Elev 630'

Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans alt: 3920' (3290') Execute noise abatement procedures according to ICAO Annex 16, DOC 8168.

## VINLI 25 ALFA (VINLI 25A)/VIN25A/ RWYS 25L/R ARRIVAL BY ATC SPEED MAX 270 KT BELOW FL98



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Continue on 300° bearing from RW to METIS, turn RIGHT, 336° track to D12.4 MR, turn LEFT,

246° track, intercept final within MR 10.8 DME.

CHANGES: None.

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MOSCOW, RUSSIA JEPPESEN UUEE/SVO (20-2L) Eff 23 Oct SHEREMETYEVO 10 OCT 08 Apt Elev Alt Set: MM (hPa on request) QNH on request (QFE) 630' 125.12 (Russian 126.37) Trans level: By ATC Trans alt: 3920' COMMUNICATION FAILURE PROCEDURES 2600' RWYS 07L/R, 25L/R 3900' AFTER ENTERING MOSCOW AREA STATEM MAX 270 KT BELOW FL98 MSA MR VOR NOT TO SCALE SAVELOVO-1285 SW N56 22.0 E037 26.0 KOSTINO-642 KN N56 18.0 E037 43.0 After SW proceed on STAR (MR R-022/D23.8) SW 07A (RWYs 07L/R) or SW 25A (RWYs 25L/R) 338 M N55 58.0 E037 22.4 (Rwv 07R) 770 N SHEREMETYEVO > 114.6 MR 700 AD N55 57.9 E037 22 N55 59.2 E037 30.1 N55 57.7 E037 20.9 (Rwy 25L) 380 BW ~ IVANOVSKOYE~ N55 59.1 E037 30.6 405 UM N55 52.0 E036 55.0 (MR R-240/D15.7) N55 52.0 E037 51.0 (MR R-099/D17.9) - CHELOBITYEVO **OKLIT** N55 50.0 E037 21.1 680 BP (MR R-170/D7.7) N55 54.0 E037 41.0 MARYINO-FL CONVERSION 493 RW FL397 FL12100m N55 42.0 E038 13.0 FL98 FL3000m (MR R-109/D33.3) FL59 FL1800m ALT/HEIGHT CONVERSION

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UUEE/SVO SHEREMETYEVO 2

SHEREMETYEVO

Radar

118.1

JEPPESEN

20-3 Eff 31 Jul

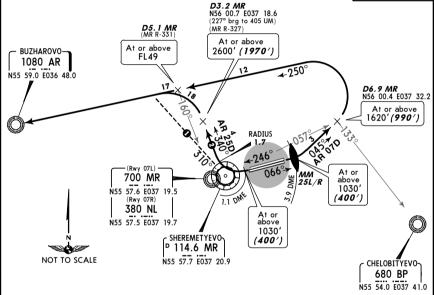
MOSCOW, RUSSIA

**JEPPESEN** 

QNH on request (QFE) Trans level: By ATC Trans alt: 3920' (3296)
1. Contact SHEREMETYEVO Radar immediately after passing 1290' (660'). 2. Execute turns up to 1620' (990') with a bank angle of 15°, from 1620' (990') up to 3590' (2960') with a bank angle of 20° and from 3590' (2960') with a bank angle of 25°. 3. Execute noise abatement procedures according to ICAO Annex 16, DOC 8168. Refer to charts 20-4 & 20-4A.

BUZHAROVO 07 DELTA (AR 07D) BUZHAROVO 25 DELTA (AR 25D) RWYS 07L/R, 25L/R DEPARTURES SEZECTE MAX 270 KT BELOW FL98





Do not overfly MR R-310.
It is strictly prohibited to fly on track less than 340° until D3.2 MR if not required for flight safety.

These SIDs require minimum climb gradients of

**AR 07D:** 334' per NM (5.5%). **AR 25D:** 365' per NM (6%).

Gnd speed-KT	75	100	150	200	250	300
334' per NM	418	557	835	1114	1392	1671
365' per NM	456	608	911	1215	1519	1823

1030' (400' - 120m) 1290' (660' - 200m) 1620' (990' - 300m) 2600' (1970' - 600m) 3590' (2960' - 900m) 3920' (3290' - 1000m)

ALT/HEIGHT CONVERSION

(QFE)

FL49 FL1500m FL98 FL3000m

|--|

		·
SID	RWY	ROUTING
AR 07D	07L/R	Climb straight ahead with maximum climb gradient according to Flight Manual to MR 3.9 DME, turn LEFT, 045° track to D6.9 MR, turn LEFT, intercept 250° bearing to AR climbing to assigned FL.
AR 25D	25L/R	Climb straight ahead with maximum climb gradient according to Flight Manual to MR 1.1 DME inbound, turn RIGHT, 340° track to D3.2 MR, turn LEFT, intercent 35° bearing to AR climbing to assigned E.

CHANGES: Reference in chart heading withdrawn

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UUEE/SVO SHEREMETYEVO JEPPESEN

25 JUL 08 (20-3A) Eff 31 Jul

MOSCOW, RUSSIA

SHEREMETYEVO Radar 118.1	Apt Elev 630'	QNH on request 1. Contact SHERE (660'). 2. Execut from 1620' (990') 3590' (2960') with procedures accord 20-4 & 20-4A.	METYEVO e turns up up to 3590 a bank ar	Radar immedi to 1620' (990 0' (2960') with gle of 25°.	ately a D') with a ban <b>3.</b> Ex	after p h a ba k angl kecute	oassin nk and le of 2 noise	g 1290 gle of 20° and e abate	n' 15°, d from ement	! <b>90</b> ′)
	CHEL CHEI CHEI RWY	OBITYEVO 07 OBITYEVO 25 LOBITYEVO 0 LOBITYEVO 2 (S 07L/R, 25	DELTA FECHO ECHO ECHO E/R DE	A (BP 251 ) (BP 07E ) (BP 25E PARTURES	) )				000' 300' MSA MR VO	-270° 900'
	N56 06.6		R R-066)	NW D12 N56 0 BP ATC	D6.5 N56 (133°		37 32. BP)		N TO SC	₽ ALE
		WA Bb	25D above 39	251° 257° 250 257	0 162	150° (9	90′)	68. N55 54. BP 0 At c	7D, 25 or abov L <b>49</b> 07E, 25	41.0 SD 'e
ALT/HEIGHT ( QNH 1030' (40 1290' (66 1620' (99 3590' (296	CONVERSIO (QFE) 00' - 120 60' - 200 70' - 300 60' - 900 90' - 1000	N At o above 1030 (400 om) om) om)	e, ')	At or above 1030' (400')	ire a n	ninimu	m clin	F	r abov L98	е
FL39 FL49	VERSION FL 1200m FL 1500m FL 3000m		of 33 G	4' per NM (5.5 nd speed-KT 34' per NM		100 557	150 835	200	250	300 671
				75001 11						

Initial climb clearance 3590' (2960') RWY ROUTING SID BP 07D 07L/R Climb straight ahead with maximum climb gradient according to Flight Manual to MR 3.9 DME, turn LEFT, 045° track to D6.9 MR, turn RIGHT, intercept 150° bearing to BP. BP 25D 25L/R Climb straight ahead with maximum climb gradient according to Flight Manual to MR 1.1 DME inbound, turn RIGHT, intercept 118° bearing to BP. BP 07E 07L/R Climb straight ahead with maximum climb gradient according to Flight Manual to MR 3.9 DME, turn LEFT, 045° track to D6.9 MR, turn LEFT, intercept 338° By ATC bearing towards SW, at D12 MR turn LEFT, intercept 134° bearing to BP. BP 25E Climb straight ahead with maximum climb gradient according to Flight Manual By ATC to MR 1.1 DME inbound, turn RIGHT, intercept 002° bearing towards SW, at D8.9 MR turn RIGHT, intercept 144° bearing to BP climbing to assigned FL

**JEPPESEN** JeppView 3.6.3.1

**UUEE/SVO** SHEREMETYEVO

SHEREMETYEVO

Radar

118.1

JEPPESEN

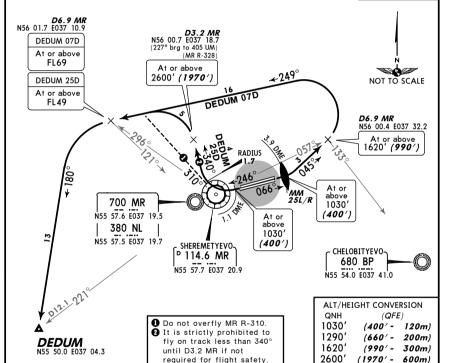
MOSCOW, RUSSIA

(20-3B) Eff 23 Oct

QNH on request (QFE) Trans level: By ATC Trans alt: 3920' 1. Contact SHEREMETYEVO Radar immediately after passing 1290 (660'). 2. Execute turns up to 1620' (990') with a bank angle of 15°, from 1620' (990') up to 3590' (2960') with a bank angle of 20° and from 3590' (2960') with a bank angle of 25°. 3. Execute noise abatement procedures according to ICAO Annex 16, DOC 8168. Refer to charts

DEDUM 07 DELTA (DEDUM 07D) [DEDØ7D] DEDUM 25 DELTA (DEDUM 25D) [DED25D] RWYS 07L/R, 25L/R DEPARTURES BY ATC MAX 270 KT BELOW FL98





Gnd speed-KT 75 | 100 | 150 | 200 | 250 | 300 418 557 835 1114 1392 1671 334' per NM

These SIDs require a minimum climb gradient

334' per NM (5.5%).

Initial climb clearance 3500' /2060'

3590'

3920'

FL49

FL69

FL98

(2960' - 900m)

(3290' - 1000m)

FL1500m

FL2100m

FL3000m

FL CONVERSION

		Initial climb clearance 3590 (2760)	
SID RWY ROUTING			
DEDUM 07D	07L/R	Climb straight ahead with maximum climb gradient according to Flight Manual to MR 3.9 DME, turn LEFT, 045° track to R-057/D6.9 MR, turn LEFT, 249° track to R-296/D6.9 MR, turn LEFT, 180° track to DEDUM, climbing to assigned FL.	
DEDUM 25D	25L/R	Climb straight ahead with maximum climb gradient according to Flight Manual to MR 1.1 DME inbound, turn RIGHT, 340° track to D3.2 MR, turn LEFT, 249° track to R-296/D6.9 MR, turn LEFT, 180° track to DEDUM, climbing to assigned FL.	

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MOSCOW, RUSSIA

(20-3C) Eff 23 Oct SHEREMETYEVO QNH on request (QFE) Trans level: By ATC Trans alt: 3920' 1. Contact SHEREMETYEVO Radar immediately after passing 1290' SHEREMETYEVO (660'). 2. Execute turns up to 1620' (990') with a bank angle of 15°, Apt Elev Radar from 1620' (990') up to 3590' (2960') with a bank angle of 20° and from 118.1 3590' (2960') with a bank angle of 25°. 3. Execute noise abatement procedures according to ICAO Annex 16, DOC 8168. Refer to charts IVANOVSKOYE 07 DELTA (UM 07D) IVANOVSKOYE 25 DELTA (UM 25D) 2600' RWYS 07L/R, 25L/R DEPARTURES STATEM MAX 270 KT BELOW FL98 3900' **D7 MR** N56 04.4 E037 17.5 MSA **D14.6 MR** N56 03.5 E036 57.1 (MR R-284) MR VOR At or above At or above 3590'(2960') FL69 248 **D6.9 MR** N56 00.4 E037 32.2 At or above **RADIUS** 1620'(990') D13.3 MR At or N56 00.1 E036 57.6 (MR R-271) above 1030 (400')At or above 700 MR N55 57.6 E037 19.5 1030 (400') 380 NL CHELOBITYEVO N55 57.5 E037 19.7 SHEREMETYEVO 680 BP <sup>D</sup> 114.6 MR N55 54.0 E037 41.0 N55 57.7 E037 20.9 IVANOVSKOYE-405 UM N55 52.0 E036 55.0 At or above FL128

1 Do not overfly MR R-310 These SIDs require a minimum climb gradient 365' per NM (6%) Gnd speed-KT 75 100 150 200 250 300

456 | 608 | 911 | 1215 | 1519 | 1823

ONH (QFE) 1030 (400' - 120m) 1290' (660' - 200m) 1620' (990' - 300m) 3590' (2960' - 900m) 3920' (3290' - 1000m)

ALT/HEIGHT CONVERSION

FL CONVERSION

FL69 FL2100m FL98 FL3000m FL128 FL3900m

Initial climb clearance 3590' (2960')

NOT TO SCALE

		Tilitial Clilib Clearance 3390 (2700)
SID	RWY	ROUTING
UM 07D	07L/R	Climb straight ahead with maximum climb gradient according to Flight Manual to MR 3.9 DME, turn LEFT, 045° track to D6.9 MR, turn LEFT, 249° track to D13.3 MR, turn LEFT to UM.
UM 25D	25L/R	Climb straight ahead with maximum climb gradient according to Flight Manual to MR 1.1 DME inbound, turn RIGHT, 340° track to D7 MR, turn LEFT, 248° track to D0 114.6 MR, turn LEFT, 169° track to UM.

365' per NM

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UUEE/SVO SHEREMETYEVO 22 AUG 08 (20-3D) MOSCOW, RUSSIA

SHEREMETYEVO QNH on request **(QFE)** Trans level: By ATC Trans alt: 3920' **1.** Contact SHEREMETYEVO Radar immediately after passing 1290' SHEREMETYEVO Apt Elev Radar 630' (660'). 2. Execute noise abatement procedures according to ICAO 118.1 Annex 16, DOC 8168. Refer to charts 20-4 & 20-4A. KOSTINO 07 DELTA (KN 07D) 642 KN 2600' KOSTINO 25 DELTA (KN 25D) N56 18.0 E037 43.0 **←** 270° RWYS 07L/R, 25L/R DEPARTURES 3900' MAX 270 KT BELOW FL98 MSA MR VOR NOT TO SCALE D13.5 MR ALT/HEIGHT CONVERSION At or above FL49 (QFE) (400' - 120m) 1030 1290' (660' - 200m) 1620' (990' - 300m) 3590' (2960' - 900m) 3920' (3290' - 1000m) 1 Do not overfly MR R-310. FL CONVERSION FL49 FL1500m FL98 FL3000m **D6.9 MR** N56 00.4 E037 32.2 At or above 1620' (990') At or P 114.6 MR MM 25L/R 1030 N55 57.7 E037 20.9 (400')1030 (400')These SIDs require a minimum climb gradient CHELOBITYEVO-680 BP 334' per NM (5.5%) N55 54.0 E037 41.0 100 150 200 250 300 Gnd speed-KT 75 418 557 835 1114 1392 1671 334' per NM Initial climb clearance 3590' (2960')

SID	RWY	ROUTING
KN 07D	07L/R	Climb straight ahead with maximum climb gradient according to Flight Manual to MR 3.9 DME, turn LEFT, 045° track to D6.9 MR, turn LEFT, intercept 009° bearing to KN climbing to assigned FL.
KN 25D	25L/R	Climb straight ahead with maximum climb gradient according to Flight Manual to MR 1.1 DME inbound, turn RIGHT, intercept 028° bearing to KN climbing to assigned FL.

CHANGES: New chart (SIDs transferred from chart 20-3C)

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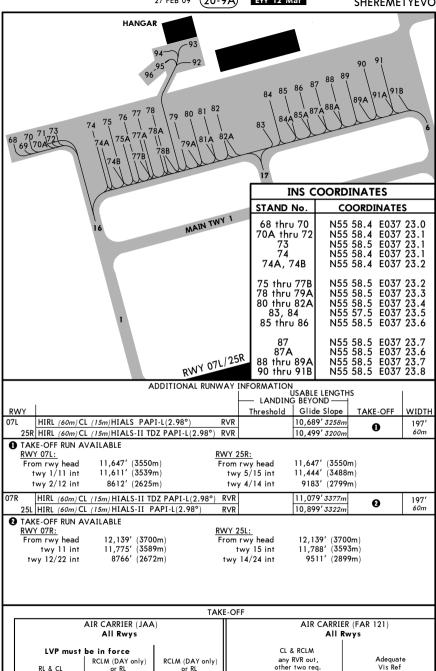
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MOSCOW, RUSSIA UUEE/SVO JEPPESEN Apt Elev **630**' N55 58.3 E037 24.9 (20-9) Eff 12 Mar **SHEREMETYEVO** 27 FEB 09 SHEREMETYEVO-1 Ground RWY 07L/25R SHEREMETYEVO-2 Ground RWY 07R/25L RWY 07L/25R RWY 07R/25L 125.12 (Russian 126.37) 119.0 121.8 131.5 120.7 الريخ المالية المالي الما OR PARKING POSITIONS  $\mathbb{C}$ MAIN TWY 1 AIRPORT 0 83  $\mathbb{C}$ POSITIONS 9A Ç €3 C 

CHANGES: Holding positions. New twy 27.1.

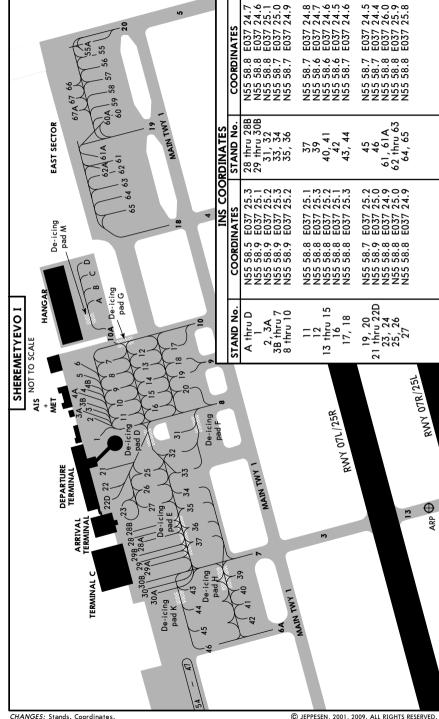
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**UUEE/SVO** MOSCOW, RUSSIA JEPPESEN (20-9A) 27 FEB 09 Eff 12 Mar **SHEREMETYEVO** 



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UUEE/SVO MOSCOW, RUSSIA JEPPESEN (20-9B) Eff 24 Sep 11 SEP 09 **SHEREMETYEVO** 



250m

300m

200m (150m)

250m (200m)

RVR 500m

VIS 400m

TDZ RVR 200m

Mid RVR 200m

Roll out RVR 150m

Eng

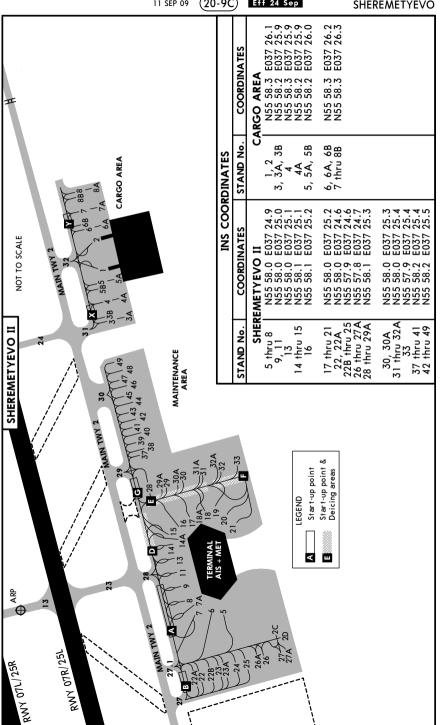
3 & 4

Eng

400m

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MOSCOW, RUSSIA UUEE/SVO **JEPPESEN** (20-9C) Eff 24 Sep 11 SEP 09 **SHEREMETYEVO** 



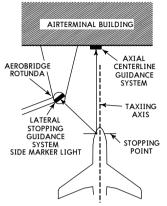
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**UUEE/SVO** 

JEPPESEN (20-9D) Eff 24 Sep 11 SEP 09

MOSCOW, RUSSIA SHEREMETYEVO

#### STAND ENTRY GUIDANCE SYSTEM



CAUTION The system is aligned with the LEFT hand pilot's seat only.

After entering the Axial light unit area taxiing should be carried out so as to see green light in both splits of the unit. When acft is to the LEFT or RIGHT of the axial line the pilot observes the red light in the LEFT or RIGHT split of the axial light unit respectively. To join the axial line the pilot should turn to the green light side. At 66'/20m before aerobridge the pilot should pay attention to the Lateral light unit. This time the pilot will observe the red light in the LEFT split and green in the RIGHT one. The pilot should stop the acft when the red light in the LEFT split becomes green abruptly. The stopping position is correct if both the Axial and Lateral light units show green light in their splits.

#### **AXIAL CENTERLINE GUIDANCE**

GREEN GREEN







Aircraft on centerline

RIGHT of centerline

Acft type B-747 should use the axial light unit marked "747".

#### SIDE MARKER LIGHT







LATERAL SIDE MARKER LIGHT Prior to reaching stopping position

**AXIAL & LATERAL LIGHT UNIT** Correct stopping position is reached

**JEPPESEN** JeppView 3.6.3.1

**UUEE/SVO** 

JEPPESEN 11 SEP 09 (20-9E) Eff 24 Sep MOSCOW, RUSSIA SHEREMETYEVO

#### **DOCKING GUIDANCE SYSTEM (SAFEDOCK)**

#### 1. PILOT INSTRUCTIONS

Attention! A pilot can bring the acft into stopping position only after the vertical running arrows appear on the display of the stopping control system. The pilot is prohibited to bring up an acft to the aerobridge until the running arrows change to the approach distance indicator.

Attention! A pilot is allowed to bring the acft into stopping position only in the case, when the acft type indicated on the display corresponds to the actual type of the approaching acft. Pilot must also check the correctness of other information.

If the pilot is not sure that he exactly understands the meaning of the information shown on the display of the stopping/parking control system, he must immediately stop the acft and request on frequency Sheremetyevo I - Ground for the additional information as well as the permission to continue the movement.

#### 2. SEARCH OF THE APPROACHING AIRCRAFT

The running arrows on the display show that the system is activated and is in the mode of search for the approaching acft. The pilot has no right to bring up an acft to the aerobridge until the running arrows change to the approach distance indicator.



#### 3. GUIDANCE OF THE APPROACHING AIRCRAFT

The running arrow is being replaced by the yellow indicator of the centerline. The flashing red arrow shows the direction of turn.

The vertical yellow arrow shows the position of acft relative to the centerline.



#### 4. APPROACH DISTANCE

The information about the approach distance is given to the pilot by gradual switching off the segments of the indicator of the centerline: one segment corresponds to a distance of 2'/0.5m.

The red arrow shows the direction of taxiing.



#### 5. SLOW DOWN

When the acft approaches the stopping position at a speed, which exceeds the allowed value, the system issues the message SLOW DOWN as a warning to the pilot.





#### 6. AZIMUTH GUIDANCE

The acft is at 20'/6m to the stopping position. The yellow arrow indicates that the acft is to the RIGHT of the centerline, while the flashing red arrow is indicating the direction of turn. No yellow arrows indicating the direction means that the acft is moving along the centerline.



#### 7. AIRCRAFT IS BROUGHT TO THE STOPPING POSITION

When the correct stopping position is reached by the acft, the display shows STOP and the red indicators.



#### 8. DOCKING ON

CHANGES: Pilot instructions.

When the acft is correctly parked, the display shows OK.



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UUEE/SVO

**JEPPESEN** 22 MAY 09 (20-9F) Eff 4 Jun MOSCOW, RUSSIA **SHEREMETYEVO** 

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JeppView 3.6.3.1

## **DOCKING GUIDANCE SYSTEM (SAFEDOCK)**

#### 9. OVERSHOOTING

When the acft has overshot the stopping position, the display will show TOO FAR.



# **FAR**

#### 10. STOP SHORT

When the acft is detected as already stopped, but not reached the assigned stopping position, the display will show STOP OK in a while.



#### 11. WAITING MODE

When the system looses the identified approaching acft, the display shows

The pilot must not bring up the acft to the aerobridge until the message WAIT changes to the split showing the approach speed.



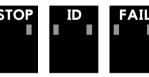
#### 12. SLOW DOWN

Such message can be shown on the display by two reasons: under unfavorable weather conditions or loss of acft during parking. The running arrows will be switched off on the display and the text SLOW and the acft type will be shown on the display alternately. As soon as the system fixes the approaching acft, the indication of the approaching speed will appear. The pilot must not bring up the acft to the aerobridge until the split showing the approach spped appears.



#### 13. IDENTIFICATION FAILURE

If or any reason the identification is not achieved at 39'/12m from the stopping position, the display will show WAIT and a repeated check will be carried out. If it fails, the display wil show STOP and ID FAIL.



#### 14. THE GATES AND THE VIEW ARE BLOCKED

If an object is found which is blocking the coverage of Docking Guidance System, the docking process will be delayed and the display will show WAIT and GATE BLOCK, or WAIT VIEW BLOC.



#### 15. TOO FAST

CHANGES: New chart

If the acft approaches at a speed exceeding the docking speed, the display will show STOP (with two red splits) and TOO FAST.

The system of docking must be reset or the docking procedure must be carried out manually.







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**UUEE/SVO** 

JEPPESEN 3 APR 09 Eff 9 Apr

MOSCOW, RUSSIA SHEREMETYEVO

STRAIG	HT-IN RWY	Α	В	С	D
07L	ILS	<b>820</b> ′(200 <b>′</b> )	<b>820</b> ′(200 <b>′</b> )	<b>820</b> ′(200 <b>′</b> )	<b>820</b> ′(200′)
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT	NOT	NOT	NOT
		AUTHORIZED	AUTHORIZED	AUTHORIZED	AUTHORIZED
	PAR	<b>837</b> ′(217′)	846′(226′)	<b>856</b> ′(236 <b>′</b> )	866′(246′)
		R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1300m
	VOR DME	<b>990</b> ′(370 <b>′</b> )	<b>990</b> ′(370 <b>′</b> )	<b>990</b> ′(370 <b>′</b> )	<b>990</b> ′(370 <b>′</b> )
		R1000m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1700m	R1700m
	VOR	<b>1570</b> ′(950′)	<b>1570</b> ′(950′)	<b>1570</b> ′(950′)	<b>1570</b> ′(950′)
		C3800m	C3800m	C4000m	C4000m
	ALS out	C4500m	C4500m	C4700m	C4700m
	NDB <b>①</b>	<b>970</b> ′(350′)	<b>970</b> ′(350 <b>′</b> )	<b>970</b> ′(350′)	<b>970</b> ′(350′)
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
07R	CAT 2 ILS	<b>717</b> ′(100 <b>′</b> )	<b>717</b> ′(100 <b>′</b> )	<b>717</b> ′(100 <b>′</b> )	<b>717</b> ′(100′)
			RA107′R350m		
	ILS	<b>817</b> ′(200′)	<b>817</b> ′(200′)	<b>817</b> ′(200′)	<b>817</b> ′(200′)
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT	NOT	NOT	NOT
		AUTHORIZED	AUTHORIZED	AUTHORIZED	AUTHORIZED
	PAR	<b>840</b> ′(223′)	<b>850</b> ′(233′)	860′(243′)	<b>869</b> ′(252 <b>′</b> )
		R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1300m	R1300m
	VOR DME   O	<b>990</b> ′(373 <b>′</b> )	<b>990</b> ′(373 <b>′</b> )	<b>990</b> ′(373 <b>′</b> )	<b>990</b> ′(373 <b>′</b> )
		R1000m	R1000m	R1000m	R1000m
	ALS out	R1500m	R1500m	R1700m	R1700m
	VOR	<b>1570</b> ′(953′)	<b>1570</b> ′(953 <b>′</b> )	<b>1570</b> ′(953 <b>′</b> )	<b>1570</b> ′(953′)
		C4000m	C4000m	C4200m	C4200m
	ALS out	C4700m	C4700m	C4900m	C4900m
	NDB	<b>970</b> ′(353′)	<b>970</b> ′(353′)	<b>970</b> ′(353′)	<b>970</b> ′(353′)
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m

Continuous Descent Final Approach.

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**UUEE/SVO** 

JEPPESEN 3 APR 09 Eff 9 Apr

Standard MOSCOW, RUSSIA SHEREMETYEVO

STRAIC	HT-IN RWY	Α	В	С	D
25L	ILS	<b>820</b> ′(200′)	<b>820</b> ′(200′)	<b>820</b> ′(200′)	<b>820</b> ′(200′)
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT	NOT	NOT	NOT
		AUTHORIZED	AUTHORIZED	AUTHORIZED	AUTHORIZED
	PAR	<b>824</b> ′(204 <b>′</b> )	<b>834</b> ′(214′)	844'(224')	<b>854</b> ′(234′)
		R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	2 NDB <b>①</b>	<b>980</b> ′(360 <b>′</b> )			
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
	1 NDB <b>0 2</b>	<b>990</b> ′(370′)	<b>990</b> ′(370 <b>′</b> )	<b>990</b> ′(370′)	<b>990</b> ′(370′)
		R1000m	R1000m	R1000m	R1000m
	ALS out	R1500m	R1500m	R1700m	R1700m
	1 NDB <b>3</b>	1400′(780′)	1400′(780′)	<b>1400</b> ′(780′)	1400′(780′)
		C3100m	C3100m	C3300m	C3300m
	ALS out	C3800m	C3800m	C4000m	C4000m
25R	CAT 3A ILS	RA50′ R200m	RA50′R200m	RA50′R200m	RA50′ R200m
•	CAT 2 ILS	<b>722</b> ′(100′)	<b>722</b> ′(100′)	<b>722</b> ′(100 <b>′</b> )	<b>722</b> ′(100 <b>′</b> )
		RA 103′ R350m	RA 103′ R350m	RA103′R350m	RA 103′ R350m
	ILS	<b>822</b> ′(200′)	<b>822</b> ′(200′)	<b>822</b> ′(200′)	<b>822</b> ′(200′)
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT	NOT	NOT	NOT
		AUTHORIZED	AUTHORIZED	AUTHORIZED	AUTHORIZED
	PAR	<b>827</b> ′(205′)	<b>837</b> ′(215′)	846′(224′)	<b>856</b> ′(234 <b>′</b> )
		R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	2 NDB <b>①</b>	<b>980</b> ′(358 <b>′</b> )	<b>980</b> ′(358 <b>′</b> )	<b>980</b> ′(358 <b>′</b> )	<b>980</b> ′(358′)
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
	1 NDB 0 🛭	990′(368′)	990′(368′)	990′(368′)	990′(368′)
		R1000m	R1000m	R1000m	R1000m
	ALS out	R1500m	R1500m	R1700m	R1700m
	1 NDB <b>3</b>	1400′(778′)	1400′(778′)	1400′(778′)	1400′(778′)
		C3100m	C3100m	C3300m	C3300m
	ALS out	C3800m	C3800m	C4000m	C4000m
O Cont	inuous Descent Fina	al Approach.			

Continuous Descent Final Approach.with D8.3w/o D8.3

200m

150m

CHANGES: New page.

_ <u>T</u>	AKE-OFF RWY	/ 07L/R, 25L/	R			
	Approved	LVP must	be in Force			
	Operators					
	HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A B C	. 125m	150m	200m	250m	400m	500m

300m

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250m

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JEPPESEN
21 JUL 06
Eff 3 Aug

JAA MINIMUMS MOSCOW, RUSSIA SHEREMETYEVO

CTDAIC	SHT-IN RWY	A	В	C	D		
				_			
07L	ILS	<b>820</b> ′(200′)	<b>820</b> ′(200′)	<b>820</b> ′(200′)	<b>820</b> ′(200′)		
	410	R550m	R550m	R550m	R550m		
	ALS out	R1000m	R1000m	R1000m	R1000m		
	LOC			OT			
		0==((01=1)		ORIZED	2444244		
	PAR	<b>837</b> ′(217′)	846′(226′)	<b>856</b> ′(236′)	866′(246′)		
		R600m	R600m	R600m	R600m		
	ALS out	R1000m	R1000m	R1000m	R1000m		
	VOR DME	<b>990</b> ′(370′)	<b>990</b> ′(370′)	<b>990</b> ′(370 <b>′</b> )	<b>990</b> ′(370 <b>′</b> )		
		R900m	R1000m	R1000m	R1400m		
	ALS out	R1500m	R1500m	R1800m	R2000m		
	VOR	<b>1570</b> ′(950′)	<b>1570</b> ′(950′)	<b>1570</b> ′(950′)	<b>1570</b> ′(950 <b>′</b> )		
		R1200m	R1400m	R1400m	R1800m		
	ALS out	R1500m	R1500m	R2000m	R2000m		
	NDB	<b>970</b> ′(350 <b>′</b> )	<b>970</b> ′(350 <b>′</b> )	<b>970</b> ′(350 <b>′</b> )	<b>970</b> ′(350′)		
		R900m	R1000m	R1000m	R1400m		
	ALS out	R1500m	R1500m	R1800m	R2000m		
07R	CAT 2 ILS	<b>717</b> ′(100′)	<b>717</b> ′(100′)	<b>717</b> ′(100′)	<b>717</b> ′(100 <b>′</b> )		
		RA 107′ R350m	RA107′R350m	RA 107′ R350m	RA 107′ R350m		
	ILS	817′(200′)	817′(200′)	817′(200′)	<b>817</b> ′(200′)		
		R550m	R550m	R550m	R550m		
	ALS out	R1000m	R1000m	R1000m	R1000m		
	LOC	NOT					
		AUTHORIZED					
	PAR	840′(223′)	<b>850</b> ′(233′)	860′(243′)	869′(252')		
		R600m	R600m	R600m	R650m		
	ALS out	R1000m	R1000m	R1000m	R1200m		
	VOR DME	<b>990</b> ′(373′)	990′(373′)	<b>990</b> ′(373′)	<b>990</b> ′(373′)		
		R900m	R1000m	R1000m	R1400m		
	ALS out	R1500m	R1500m	R1800m	R2000m		
	VOR	<b>1570</b> ′(953′)	<b>1570</b> ′(953′)	<b>1570</b> ′(953′)	<b>1570</b> ′(953′)		
		R1200m	R1400m	R1400m	R1800m		
	ALS out	R1500m	R1500m	R2000m	R2000m		
	NDB	<b>970</b> ′(353′)	<b>970</b> ′(353′)	<b>970</b> ′(353′)	<b>970</b> ′(353′)		
		R900m	R1000m	R1000m	R1400m		
	ALS out	R1500m	R1500m	R1800m	R2000m		
$\overline{}$		l .	1		<del>'                                    </del>		

CHANGES: Minimums.

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CHANGES: Minimums.

21 JUL 06 (20-9X1) (20-9X1)

JAA MINIMUMS MOSCOW, RUSSIA SHEREMETYEVO

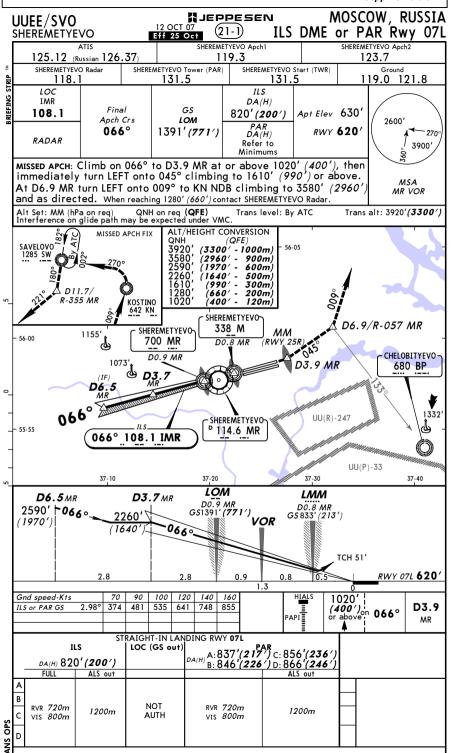
25L	ILS	000//000/					
		<b>820</b> ′(200 <b>′</b> )	<b>820</b> ′(200′)	<b>820</b> ′(200′)	<b>820</b> ′(200′)		
		R550m	R550m	R550m	R550m		
_	ALS out	R1000m	R1000m	R1000m	R1000m		
	LOC		N	ТС			
_				ORIZED			
	PAR	<b>827</b> ′(207′)	<b>837</b> ′(217′)	<b>846</b> ′(226′)	<b>856</b> ′(236 <b>′</b> )		
		R600m	R600m	R600m	R600m		
_	ALS out	R1000m	R1000m	R1000m	R1000m		
	2 NDB	<b>980</b> ′(360 <b>′</b> )	<b>980</b> ′(360 <b>′</b> )	<b>980</b> ′(360 <b>′</b> )	<b>980</b> ′(360 <b>′</b> )		
		R900m	R1000m	R1000m	R1400m		
_	ALS out	R1500m	R1500m	R1800m	R2000m		
	1 NDB	<b>990</b> ′(370′)	<b>990</b> ′(370 <b>′</b> )	<b>990</b> ′(370 <b>′</b> )	<b>990</b> ′(370′)		
	with FAF	R900m	R1000m	R1000m	R1400m		
_	ALS out	R1500m	R1500m	R1800m	R2000m		
	1 NDB	<b>1400</b> ′(780′)	1400′(780′)	1400′(780′)	1400′(780′)		
	w/o FAF	R1200m	R1400m	R1400m	R1800m		
	ALS out	R1500m	R1500m	R2000m	R2000m		
25R	CAT 2 ILS	<b>722</b> ′(100 <b>′</b> )	<b>722</b> ′(100′)	<b>722</b> ′(100 <b>′</b> )	<b>722</b> ′(100 <b>′</b> )		
_		RA103'R350m RA103'R350m RA103'R350m RA103'R350m					
	ILS	<b>822</b> ′(200′)	<b>822</b> ′(200′)	<b>822</b> ′(200′)	<b>822</b> ′(200′)		
		R550m	R550m	R550m	R550m		
_	ALS out	R1000m	R1000m	R1000m	R1000m		
	LOC	NOT					
_		AUTHORIZED					
	PAR	<b>827</b> ′(205′)	<b>837</b> ′(215′)	<b>846</b> ′(224′)	<b>856</b> ′(234 <b>′</b> )		
		R600m	R600m	R600m	R600m		
_	ALS out	R1000m	R1000m	R1000m	R1000m		
	2 NDB	<b>980</b> ′(358 <b>′</b> )	<b>980</b> ′(358 <b>′</b> )	<b>980</b> ′(358 <b>′</b> )	<b>980</b> ′(358 <b>′</b> )		
		R900m	R1000m	R1000m	R1400m		
	ALS out	R1500m	R1500m	R1800m	R2000m		
	1 NDB	<b>990</b> ′(368 <b>′</b> )	<b>990</b> ′(368 <b>′</b> )	<b>990</b> ′(368 <b>′</b> )	<b>990</b> ′(368 <b>′</b> )		
	with FAF	R900m	R1000m	R1000m	R1400m		
	ALS out	R1500m	R1500m	R1800m	R2000m		
_	1 NDB	1400′(778′)	1400''(778')	1400′(778′)	1400′(778′)		
	w/o FAF	R1200m	R1400m	R1400m	R1800m		
	ALS out	R1500m	R1500m	R2000m	R2000m		

Approved					
Operators					
HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
125m	150m	200m	250m	400m	500m
150m	200m	250m	300m		

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CHANGES: Missed apph. MHA

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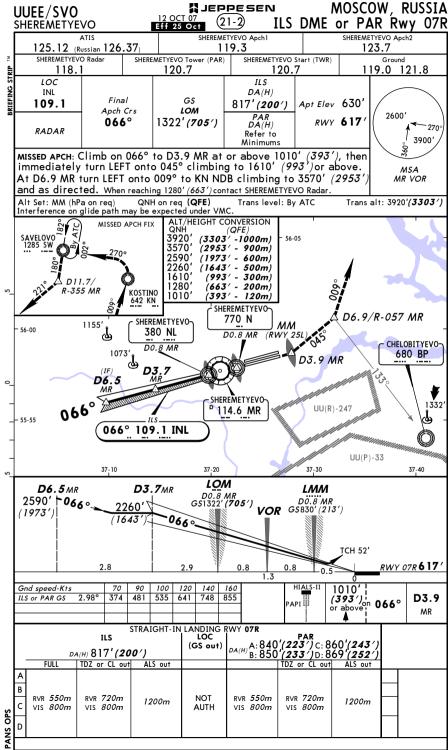


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**JEPPESEN** *JeppView 3.6.3.1* 



CHANGES: Missed apph. MHA

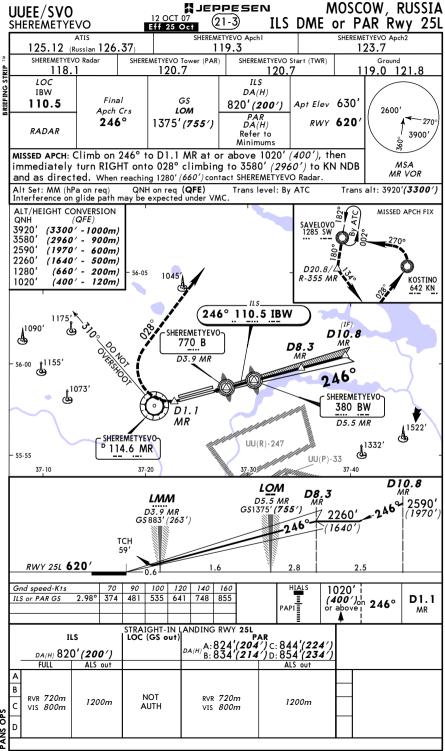
**JEPPESEN** JeppView 3.6.3.1

MOSCOW, RUSSIA MJEPPESEN UUEE/SVO Eff 25 Oct 21-2A CAT II ILS DME Rwy 07R SHEREMETYEVO SHEREMETYEVO Apch2 ATIS SHEREMETYEVO Apch1 125.12 (Russian 126.37) 119.3 123.7 SHEREMETYEVO Tower (PAR) SHEREMETYEVO Start (TWR) 118.1 120.7 120.7 119.0 121.8 CAT II ILS LOC Apt Elev 630' RA 107' DA(H) 717'(100') LOM Apch Crs INI 109.1 066° 1322' (**705**') RWY 617 2600' 270 MISSED APCH: Climb on  $066^{\circ}$  to D3.9 MR at or above 1010' (393'), then immediately turn LEFT onto 045° climbing to 1610' (993') or above. 3900' At D6.9 MR turn LEFT onto 009° to KN NDB climbing to 3570' (2953' and as directed. When reaching 1280' (663') contact SHEREMETYEVO Radar. MSA MR VOR QNH on reg (QFE) Alt Set: MM (hPa on reg) Trans level: By ATC Trans alt: 3920'/3303' 1. Special Aircrew and Aircraft Certification Required. 2. Interference on glide path may be expected under VMC. ALT/HEIGHT CONVERSION QNH (QFE) 3920' (3303' -1000m) MISSED APCH FIX SAVELOVO 1285 SW (2953' - 900m) (1973' - 600m) 2590 2260' (1643' - 500m) 1610' (993' - 300m) △ D11.7/ 1280′ 1010′ (663' - 200m) R-355 MR **KOSTINO** (393' - 120m) 642 KN - SHEREMETYEVO 770 N D6.9/R-057 MR SHEREMETYEVO 1155' MM 56-00 380 NL D0.8 MR (RWY 25L CHELOBITYEVO-D0.8 MR 680 BP 1073 D3.9 MR D6.5 1332 (do - 55-55 066° 109.1 INL SHEREMETYEVO-114.6 MR UU(R)-55 UU(P)-33 37-10 37-20 37-40 LOM **D6.5**MR **D3.7**MR LMM DO.8 MR GS1322'(**705**') 2590' 1066° D0.8 MR VOR GS 830'(213') 1973' 066° 1643 TCH 52' RWY 07R 6 17 2.8 0.8 70 90 100 120 140 160 HIALS-I Gnd speed-Kts 1010 2.98° 374 481 535 641 748 855 D3.9 (393')<sub>on</sub> 066° STRAIGHT-IN LANDING RWY 07R
CAT II ILS ABCD RA 107' DA(H) 717'(100') RVR 350m

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CHANGES: MHA

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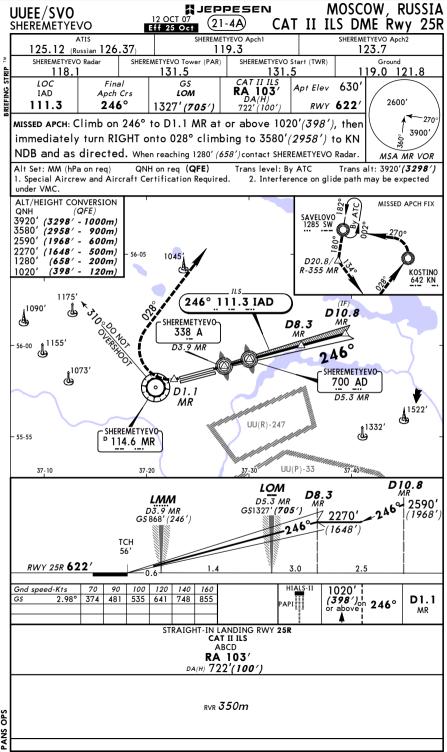
MOSCOW, RUSSIA M JEPPESEN UUEE/SVO (21-4)ILS DME or PAR Rwy 25R SHEREMETYEVO SHEREMETYEVO Apch2 SHEREMETYEVO Apch1 123.7 125.12 (Russian 126.37) 119.3 SHEREMETYEVO Radar SHEREMETYEVO Tower (PAR) SHEREMETYEVO Start (TWR) 119.0 121.8 131.5 131.5 LOC ILS IAD DA(H) Final GS 822' (200') Apt Elev 630' 111.3 Apch Crs LOM 2600' PAR DA(H) 246° RWY 622 1327' (705') 270 RADAR Refer to 3900' Minimums MISSED APCH: Climb on 246° to D1.1 MR at or above 1020'(398'), then MSA immediately turn RIGHT onto 028° climbing to 3580′(2958′) to KN MR VOR NDB and as directed. When reaching 1280' (658') contact SHEREMETYEVO Radar. Alt Set: MM (hPa on reg) QNH on reg (QFE) Trans level: By ATC Trans alt: 3920'(3298') Interference on glide path may be expected under VMC. SAVELOVO ALT/HEIGHT CONVERSION MISSED APCH FIX 3920' (3298' - 1000m) 3580' (2958' - 900m) 2590' (1968' - 600m) 2270' (1648' - 500m) D20.8/4 (658' - 200m) 1045 - 56-05 KOSTINO 1020' (398' - 120m) 642 KN 246° 111.3 IAD 1175 (IF) 1090 D10.8 SHEREMETYEVO ♨ D8.3 338 A D3.9 MR 246° 56-00 J<sup>1073</sup> SHEREMETYEVO-700 AD D1.1 D5.3 MR MR 1522 - SHEREMETYEVO-UU(R)-247 D 114.6 MR 1332° - 55-55 UU(P)-33 37-10 37-20 37-40 D10.8 LOM D8.3 D5.3 MR **LMM** '2590 لحو GS1327' (705') D3.9 MR 1968 G\$ 868' (246') RWY 25R 622' Gnd speed-Kts 70 90 100 120 140 160 1020' ILS or PAR GS 2.98° 374 481 535 641 748 855 (398')on 246° D1.1 PAPI or above STRAIGHT-IN LANDING RWY 25R PAR ,A:827'(205') C:846'(224', B:837'(215') D:856'(234', | TDZ or CL out | ALS out (GS out) DA(H) 822'(200') TDZ or CL out ALS out RVR 550m RVR 720m NOT RVR 550m RVR 720m 1200m 1200m VIS 800m VIS 800m VIS 800m VIS 800m AUTH

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CHANGES: Missed apch. MHA

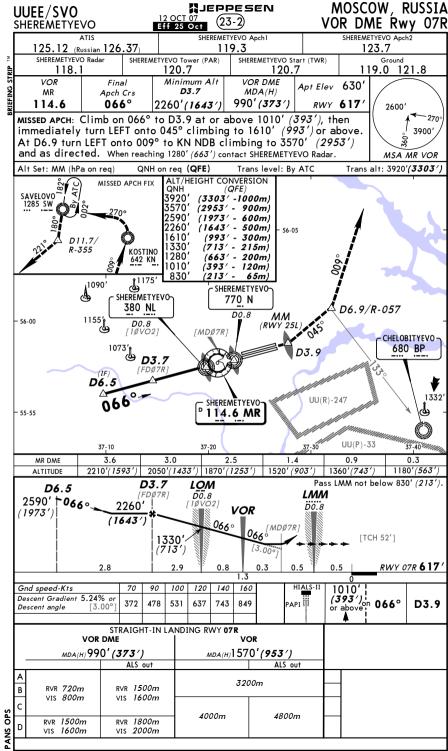
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MJEPPESEN MOSCOW, RUSSIA UUEE/SVO 12 OCT 07 (23-1)VOR DME Rwy 07L SHEREMETYEVO Eff 25 Oct SHEREMETYEVO Apch2 ATIS SHEREMETYEVO Apch1 125.12 (Russian 126.37) 119.3 123.7 SHEREMETYEVO Tower (PAR) SHEREMETYEVO Start (TWR) 118.1 131.5 131.5 119.0 121.8 VOR Minimum Alt VOR DME Apt Elev 630' D3.7 MR Apch Crs MDA(H)2600' 114.6 066° 2260'(1640') 990' (370') RWY 620 MISSED APCH: Climb on 066° to D3.9 at or above 1020' (400'), then 270 immediately turn LEFT onto 045° climbing to 1610′ (990′) or above. 3900' At D6.9 turn LEFT onto 009° to KN NDB climbing to 3580' (2960') and as directed. When reaching 1280' (660') contact SHEREMETYEVO Radar. MSA MR VOR QNH on reg (QFE) Trans alt: 3920'(3300' Alt Set: MM (hPa on reg) Trans level: By ATC SAVELOVO 1285 SW ALT/HEIGHT CONVERSION MISSED APCH FIX ATC (3300 - 1000m) 3920' (2960' - 900m) (1970' - 600m) 2260 (1640' - 500m) 1610 (990' - 300m) D11.7/ KOSTINO 1400′ 642 KN 1280′ (780' - 235m) R-355 (660' - 200m) 642 KN 1020' (400' - 120m) 840' (220' -1090 SHEREMETYEVO-♨ SHEREMETYEVO 338 M 700 MR D6.9/R-057 ММ 1155' D0.8 56-00 (RWY 25R D0.9 ♨ [1ØVOR] CHELOBITYEVO-1073 680 BP ७ D3.7 D6.5 1332 066 UU(R)-247 SHEREMETYEVO-55-55 <sup>□</sup> 114.6 MR UU(P)-33 37-40 37-10 37-20 MR DME 3.5 3.0 2.4 1.3 0.3 ALTITUDE 2220'(1600') 2050'(1430') 1870'(1250') 1530' (910') 1360'(740') 1180'/560' LOM Pass LMM not below 840' (220' 3.9 NM DO.9 D6.5 LMM 2590' 1066° MDØ7L [ 10 VOR] D0.8 **VOR** (1970' (1640) [MDØ7L] 1400 [TCH 51'] (780' [3.070 RWY 07L 620 0.5 2.8 0.9 0.3 70 90 100 120 140 160 Gnd speed-Kts 10201 Descent Gradient 5.35% or (400')<sub>on</sub> 066° 543 380 489 652 760 D3.9 [3.07° Descent anale STRAIGHT-IN LANDING RWY 07L VOR DME MDA(H) 990' (370') MDA(H) 1570' (950') ALS out ALS out 3200m RVR 720m RVR 1500m VIS 800m VIS 1600m 3600m 4400m RVR 1500m RVR 1800m 4000m 4800m VIS 1600m VIS 2000m

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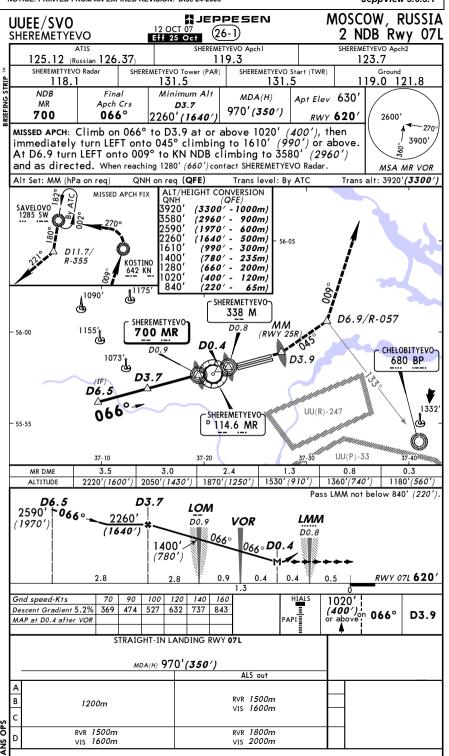
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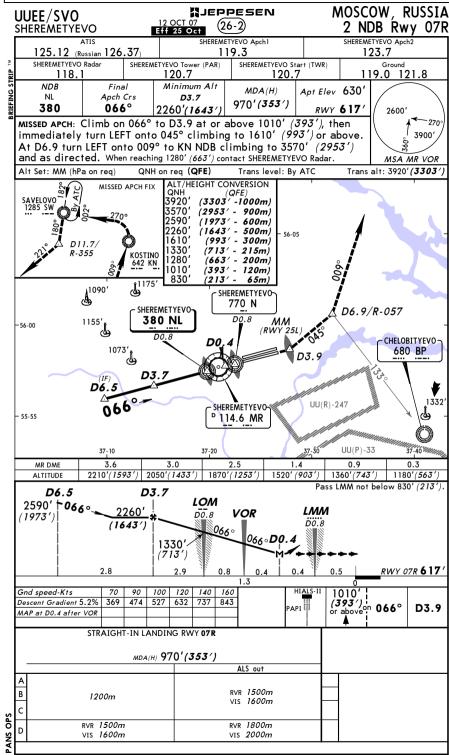
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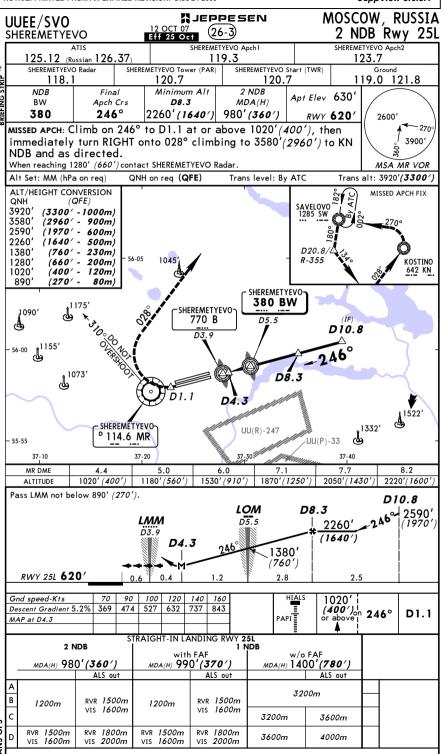
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